

From: "Coffey, Scott" <CoffeySE@cdmsmith.com>
To: "Zhen, Davis" <Zhen.Davis@epa.gov>
Date: 5/7/2018 10:01:12 AM
Subject: FW: Sed Trap Design limitation/uses bullets deliberative

Here it is again.

From: Coffey, Scott
Sent: Friday, May 04, 2018 12:46 PM
To: Zhen, Davis <Zhen.Davis@epa.gov>
Cc: Blischke, Eric <blischkee@cdmsmith.com>; 'Sheldrake, Sean' <sheldrake.sean@epa.gov>; Young, Howard S. <younghs@cdmsmith.com>
Subject: FW: Sed Trap Design limitation/uses bullets deliberative
Importance: High

Hi Davis.

Sean, Eric and I had a call to finalize the EPA statement that should be sent with the official approval on the sediment trap design. This statement is provided below.

Important to note: This just gets them approval only regarding their Trap Design. Significant issues remain on their Task Specific Health and Safety Addendum, which includes specifics on dive safety. A meeting to go over EPA comments on these issues will need to occur and be resolved before they are approved to initiate work with Sediment Trap installation.

Ken.

After additional review and technical discussion, EPA approves the modified sediment trap design provided by the Pre-RD Group, but has the following statement about its limitations:

- Due to uncertainty regarding the capture of suspended sediments by the sediment trap, the sediment trap data is not suitable for developing quantitative sediment loading estimates.

Despite this limitation, the sediment trap data is useful for developing empirical estimates of suspended sediment contaminant concentrations over the deployment period and should be used qualitatively in conjunction with other lines of evidence such as particulate contaminant concentrations generated through the surface water sampling program.

Regards,
Davis Zhen